

**Mental Health, Developmental Disabilities and  
Substance Abuse Related Admissions in Community  
Emergency Departments, Quarterly Report**

**Fiscal Year 2007-08**

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This report, *The Mental Health, Developmental Disabilities, and Substance Abuse Related Admissions in Community Emergency Departments Report* provides information on the emergency department admissions for individuals with mental health, substance abuse and developmental disability diagnoses. The document is in response to the General Statute 112C-147.1.1 Section 10.49(r). This report, the fourth in the series, presents information for the fiscal year 2007-08. The graphs and tables for quarter 4, 2007-08 are presented in the Appendix C of the report.

The Emergency Department Admissions information gathered through the North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT) is received by the Division of Mental Health, Developmental Disabilities and Substance Abuse Services (DMH/DD/SAS) through a data sharing agreement with the Division of Public Health. The data are provided to the DMH/DD/SAS as an aggregated file, providing the total number of admissions by disability status, age group and gender. The consumers that are represented in the report are those who had a mental health, substance abuse or developmental disability ICD-9<sup>1</sup> code indicating their diagnosis. Detailed explanation of the data source is given in Appendix B.

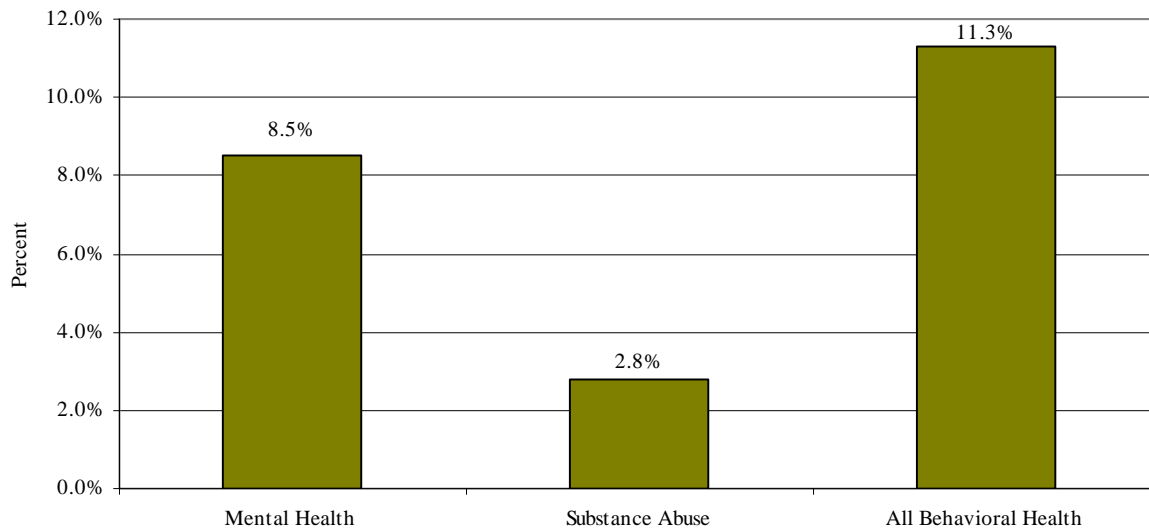
## 2. Emergency Department Admissions

The data presented below (Figure 1) show the total proportion of consumers who were admitted to a community emergency department with a behavioral health (mental health and substance abuse only) diagnosis. The percentage is calculated as a function of the total admissions for all causes to emergency departments (3,924,976 admissions) during the State Fiscal year (SFY) 2007-08. The total number of admissions for consumers with a mental health diagnosis during SFY 2007-08 was 333,642. During the same time frame, 109,642 consumers were seen in emergency departments for a substance abuse related issue. In addition, 717 consumers with a developmental disability diagnosis were seen. The pattern of emergency department admissions for the fiscal year was consistent with the pattern displayed over the four quarters. 8.5% and 2.8% of all emergency department admissions for the fiscal year were mental health and substance abuse related admissions. There was little variation in this proportion for each of the four quarters treated separately (8.8%, 8.2%, 8.4% and 8.5% for mental health and 3.1%, 2.6%, 2.6% and 2.9% for substance abuse). The graph also shows the admissions for all behavioral health causes which include developmental disabilities for the quarter at 11.3%.

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<sup>1</sup> The **International Statistical Classification of Diseases and Related Health Problems** (most commonly known by the abbreviation **ICD**) provides codes to classify [diseases](#) and a wide variety of signs, symptoms, abnormal findings, complaints, social circumstances and external causes of injury or disease. Every health condition can be assigned to a unique category and given a code, up to six characters long. Such categories can include a set of similar diseases.

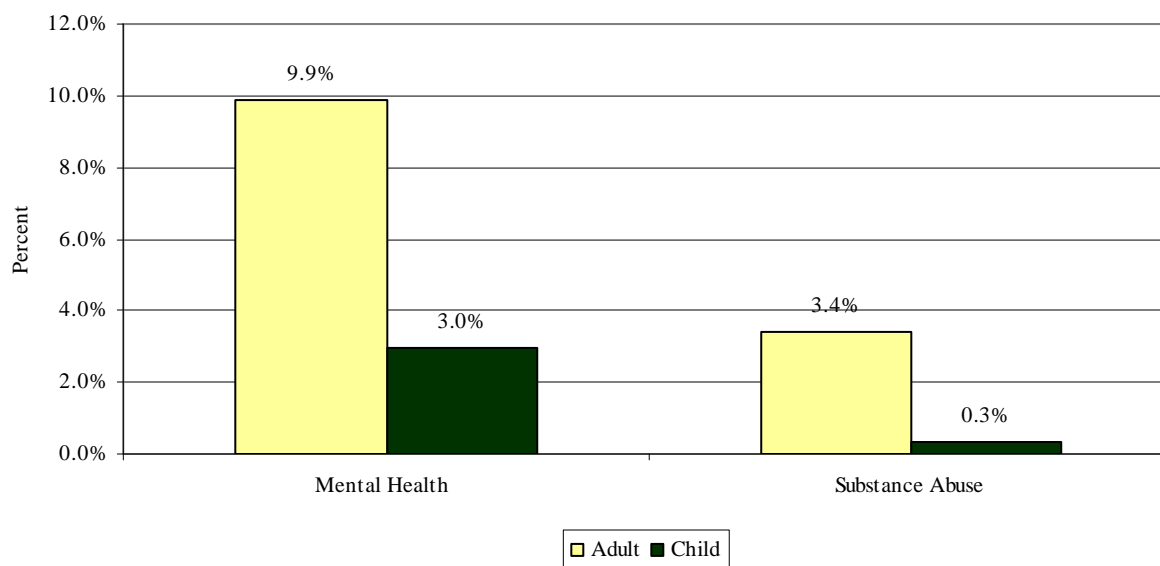
**Figure 1. Mental Health, Substance Abuse and Total Behavioral Health Admissions in Local Emergency Departments, FY 2007-08**



Source: NC DETECT, SFY 2007-08; Note: Total Admissions include those for Developmental Disabilities.

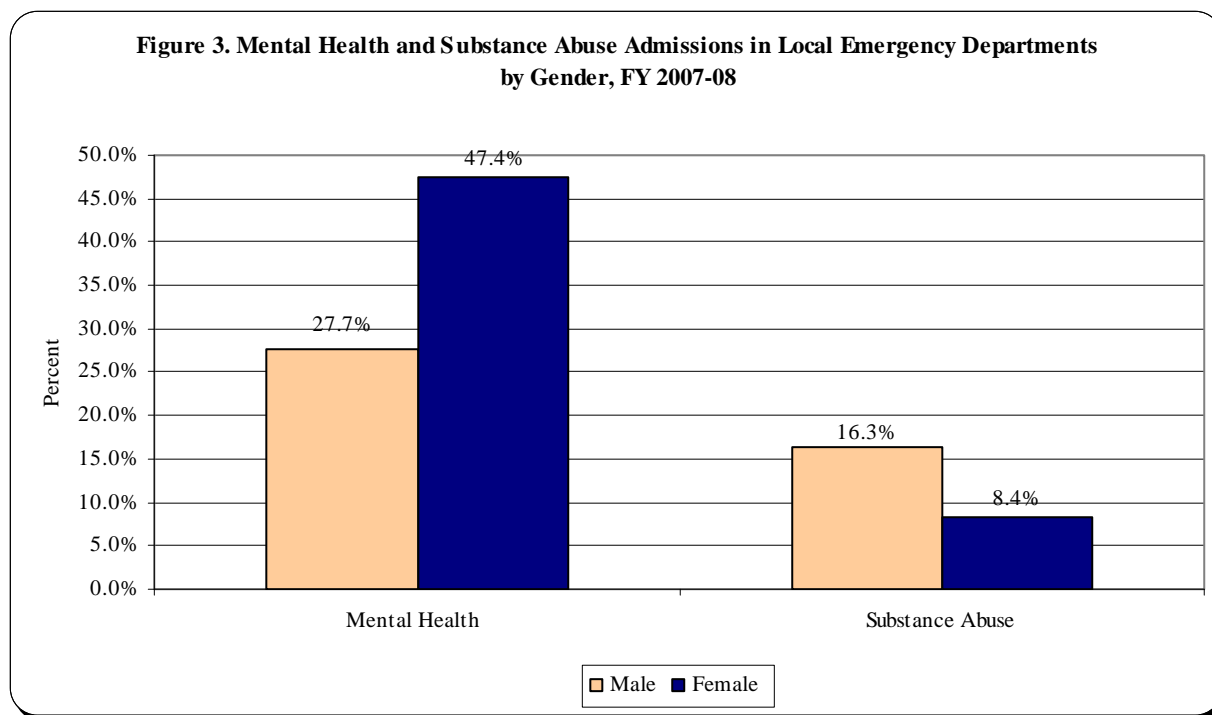
Figure 2, below, shows the percentage of admissions within local emergency departments disaggregated by age group and disability status. This graph shows the proportion of mental health and substance abuse admissions among adults and children as a function of emergency admissions for all causes by age.

**Figure 2. Mental Health and Substance Abuse Admissions in Local Admissions in Local Emergency Departments by Age Group, FY 2007-08**



Source: NC DETECT, SFY 2007-08 Note: Percentages are calculated of total adult admissions and total child admissions separately and not as a proportion of all admissions

Figure 3 shows the distribution of males and females seeking mental health and substance abuse related care through local emergency departments. There were a higher number of females seeking care for mental health, whereas the percentage of men being admitted for substance abuse related issues were almost double that of women. The proportion is calculated for all mental health and substance abuse admissions.



Source: NC DETECT SFY 2007-08

Table 1, shown below, presents the counts and rates of admission for mental health and substance abuse related concerns during the third quarter of 2008. Rates allow comparison of admissions across Local Management Entities (LME), which provides services to counties with varied population sizes and composition. The statewide rate of admission per 10,000 population for mental health was 369 persons for the fiscal year 2007- 2008 and the statewide rate for substance abuse admissions was 121.3. Consistent with the rate of admissions shown for the past quarters Western Highlands LME had one of the highest rates of mental health admissions (612.9 per 10,000) while Southeastern Regional (SER) had the highest rate of substance abuse related admission for the year. Guilford Center for Behavioral Health and Developmental Disabilities continues to have the lowest rate (235.1 per 10,000 populations) for mental health admissions and Wake County Human services (85.4) had the lowest rates for substance abuse admissions for the quarter. The state wide admissions for developmental disability consumers only totals to show 378 of the admissions as opposed to the actual 717 admissions due to data suppression for confidentiality of consumers.

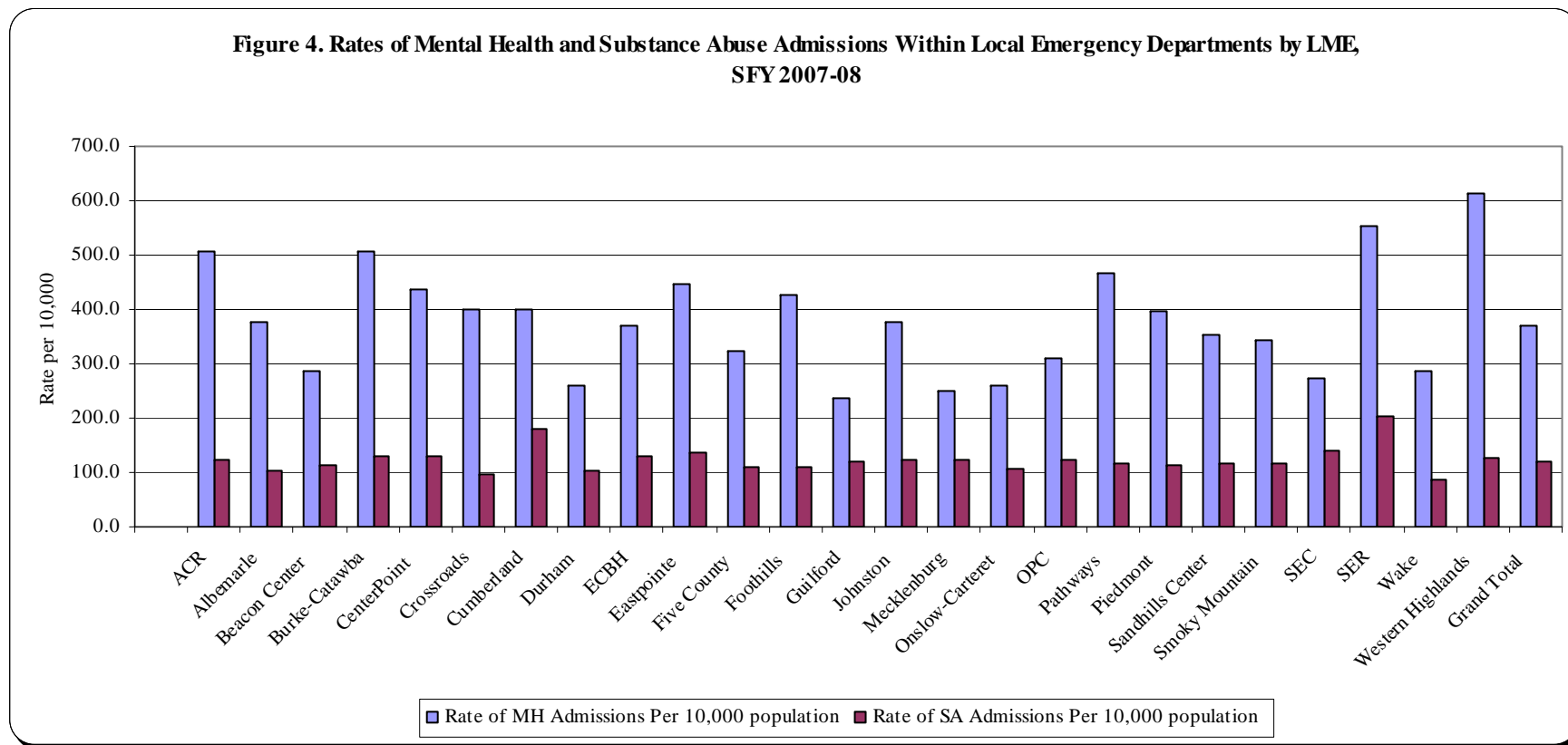
**Table 1. Emergency Department Admissions by Local Management Entity, SFY 2007-08,**

LME	DD Admissions	Rate Per 10,000 population	MH Admissions	Rate Per 10,000 population	SA Admissions	Rate per 10,000 population
<b>Statewide</b>	<b>378</b>	<b>0.4</b>	<b>333642</b>	<b>369.0</b>	<b>109642</b>	<b>121.3</b>
ACR	14	0.5	12992	505.7	3141	122.3
Albemarle	11	0.6	6964	376.7	1908	103.2
Beacon Center	*	*	7016	286.8	2780	113.6
Burke-Catawba	*	*	12315	507.3	3180	131.0
CenterPoint	34	0.8	18623	438.1	5547	130.5
Crossroads	*	*	10509	400.8	2530	96.5
Cumberland	15	0.5	12370	401.3	5540	179.7
Durham	16	0.6	6584	261.6	2585	102.7
ECBH	*	*	14578	370.7	5157	131.1
Eastpointe	*	*	13068	448.0	3939	135.0
Five County	*	*	7450	322.8	2574	111.5
Foothills	*	*	6882	427.8	1753	109.0
Guilford	*	*	10738	235.1	5546	121.4
Johnston	11	0.7	5928	377.9	1925	122.7
Mecklenburg	22	0.3	21308	248.5	10630	124.0
Onslow-Carteret	*	*	5914	259.5	2460	107.9
Orange-Person-Chatham	26	1.2	6865	309.1	2715	122.3
Pathways	11	0.3	17292	467.0	4279	115.6
Piedmont	37	0.5	27721	397.1	7933	113.6
Sandhills Center	38	0.7	18780	354.4	6132	115.7
Smoky Mountain	*	*	12209	344.6	4090	115.4
Southeastern Center	*	*	9248	272.7	4800	141.6
Southeastern Regional	51	2.0	14160	553.6	5169	202.1
Wake	74	0.9	23663	287.7	7027	85.4
Western Highlands	18	0.4	30465	612.9	6302	126.8

Source: NC DETECT, SFY 07

Note: Cells with counts below 10 have been suppressed to protect client confidentiality. Abbreviations: ACR- Alamance-Caswell-Rockingham; ECBH-East Carolina Behavioral Health

Figure 4 is a graphical presentation of the information presented in table 1, the rate of mental health and substance abuse admissions by Local Management Entities for the Fiscal year 2007-08



Source: NC DETECT SFY 2007-08

Abbreviations ACR- Alamance-Caswell-Rockingham; ECBH- East Carolina Behavioral Health, OPC-Orange -Person -Chatham, SEC- Southeastern Center, SER-Southeastern Regional

Table 2 presents the counts for mental health and substance abuse admissions disaggregated by age group (adult and child) for each of the 25 Local Management Entities. The table also gives the counts for emergency department admissions for all causes by LME. Since data is presented for a full year a larger number of Developmental disability admissions can be displayed.

**Table 2. Emergency Department Admissions by Age Group by LME, FY 2007-08**

LME	DD		DD Admissions	MH		MH Admissions	SA		SA Admissions	Total MH/SA/DD Admissions	All ED Admissions
	Adult	Child		Adult	Child		Adult	Child			
<b>Statewide</b>	<b>81</b>	<b>297</b>	<b>378</b>	<b>310054</b>	<b>23588</b>	<b>333642</b>	<b>107135</b>	<b>2507</b>	<b>109642</b>	<b>443662</b>	<b>3924976</b>
ACR	*	14	14	12028	964	12992	3071	70	3141	16147	124987
Albemarle	11	*	11	6425	539	6964	1868	40	1908	8883	78456
Beacon Center	*	*	*	6462	554	7016	2721	59	2780	9796	112278
Burke-Catawba	*	*	*	11429	886	12315	3095	85	3180	15495	122974
CenterPoint	*	34	34	17304	1319	18623	5423	124	5547	24204	181470
Crossroads	*	*	*	9965	544	10509	2466	64	2530	13039	140135
Cumberland	*	15	15	10974	1396	12370	5435	105	5540	17925	116178
Durham	*	16	16	6198	386	6584	2542	43	2585	9185	87685
ECBH	*	*	*	13412	1166	14578	5037	120	5157	19735	181686
Eastpointe	*	*	*	12153	915	13068	3873	66	3939	17007	144950
Five County	*	*	*	6995	455	7450	2520	54	2574	10024	120222
Foothills	*	*	*	6404	478	6882	1709	44	1753	8635	76385
Guilford	*	*	*	10108	630	10738	5432	114	5546	16284	191620
Johnston	*	11	11	5393	535	5928	1888	37	1925	7864	78033
Mecklenburg	*	22	22	20161	1147	21308	10418	212	10630	31960	331339
Onslow-Carteret	*	*	*	5492	422	5914	2405	55	2460	8374	79013
OPC	*	26	26	6366	499	6865	2639	76	2715	9606	67679
Pathways	11	*	11	15665	1627	17292	4164	115	4279	21582	183018
Piedmont	20	17	37	25461	2260	27721	7683	250	7933	35691	307143
Sandhills Center	*	38	38	17466	1314	18780	5986	146	6132	24950	257965
Smoky Mountain	*	*	*	11564	645	12209	3991	99	4090	16299	161402
Southeastern Center	*	*	*	8845	403	9248	4707	93	4800	14048	143354
SER	39	12	51	12989	1171	14160	5059	110	5169	19380	163525
Wake	*	74	74	21950	1713	23663	6842	185	7027	30764	270770
Western Highlands	*	18	18	28845	1620	30465	6161	141	6302	36785	202709

Source: NC DETECT QTR 3 SFY 2007-08. Abbreviations ACR- Alamance-Caswell-Rockingham; ECBH- East Carolina Behavioral Health, OPC-Orange -Person –Chatham, SER-South Eastern Regional



Table 3 shows the counts and associated rates for all behavioral health admissions in local emergency departments for SFY 2007-08 by county.

<b>Table 3. Behavioral Health Admissions in Local Emergency Departments by County, FY 2007-08</b>					
<b>County</b>	<b>Counts</b>	<b>Rate per 10,000 Population</b>	<b>County</b>	<b>Counts</b>	<b>Rate per 10,000 Population</b>
Alamance	7828	553.3	Jones	610	586.0
Alexander	1863	506.6	Lee	2259	400.6
Alleghany	1117	1004.5	Lenoir	3052	524.5
Anson	1832	729.7	Lincoln	4309	589.4
Ashe	298	114.1	Macon	992	224.6
Avery	431	236.1	Madison	1295	383.2
Beaufort	2369	506.5	Martin	724	350.2
Bertie	920	479.5	McDowell	2484	1020.6
Bladen	1729	524.4	Mecklenburg	29655	345.9
Brunswick	4365	436.0	Mitchell	677	424.7
Buncombe	20201	893.2	Montgomery	1040	375.5
Burke	4692	525.5	Moore	3708	441.8
Cabarrus	13035	795.8	Nash	1659	178.2
Caldwell	3631	454.2	New Hanover	7149	379.8
Camden	423	442.5	Northampton	1037	481.1
Carteret	3753	584.6	Onslow	3992	243.9
Caswell	626	266.9	Orange	4564	365.0
Catawba	9392	612.0	Pamlico	568	432.6
Chatham	1520	256.6	Pasquotank	2754	670.6
Cherokee	1210	443.0	Pender	1114	219.5
Chowan	758	508.0	Perquimans	770	603.6
Clay	278	268.4	Person	2373	628.2
Cleveland	8790	908.6	Pitt	5220	349.4
Columbus	2969	539.0	Polk	797	414.1
Craven	6568	678.0	Randolph	6233	444.8

**Table 3. Behavioral Health Admissions in Local Emergency Departments by County, FY 2007-08 (continued)**

Cumberland	15768	511.5	Richmond	2477	529.0
Currituck	718	297.1	Robeson	10128	776.2
Dare	1602	458.4	Rockingham	6525	709.4
Davidson	6712	428.6	Rowan	5322	391.5
Davie	1281	313.7	Rutherford	4836	764.9
Duplin	2076	387.0	Sampson	3012	465.1
Durham	8290	329.4	Scotland	2870	770.6
Edgecombe	2498	476.9	Stanly	2030	341.6
Forsyth	18349	543.3	Stokes	2444	524.9
Franklin	2425	427.9	Surry	5102	697.0
Gaston	7060	352.3	Swain	862	606.2
Gates	210	176.3	Transylvania	1361	441.7
Graham	380	465.4	Tyrrell	105	244.8
Granville	1882	344.7	Union	6110	335.2
Greene	639	304.6	Vance	1307	294.6
Guilford	14603	319.7	Wake	28844	350.7
Halifax	3056	552.9	Warren	468	235.2
Harnett	4211	397.7	Washington	130	97.6
Haywood	4559	798.4	Watauga	1277	291.7
Henderson	4338	423.5	Wayne	7678	667.1
Hertford	645	268.7	Wilkes	2345	349.0
Hoke	1350	307.8	Wilson	4288	548.2
Hyde	241	439.1	Yadkin	1605	419.8
Iredell	5491	364.2	Yancey	864	464.8
Jackson	1537	416.3			
Johnston	6995	445.9			

Source: NC DETECT, QTR 3, SFY 07-08

## **APPENDICES**

**Appendix A. List of Hospitals Contributing Data to NC DETECT (April 30, 2008)**

As of April 30, 2008, there are 110/112 (98%) hospitals submitting production-level data on a daily basis to NC DETECT.

<b>County</b>	<b>Town</b>	<b>Hospital</b>
Alamance	Burlington	Alamance
Alexander	Taylorsville	Frye Alexander
Alleghany	Sparta	Alleghany
Anson	Wadesboro	Anson
Ashe	Jefferson	Ashe
Avery	Linville	Charles A. Cannon
Beaufort	Washington	Beaufort
Beaufort	Belhaven	Pungo
Bertie	Windsor	Bertie
Bladen	Elizabethtown	Bladen
Brunswick	Supply	Brunswick
Brunswick	Southport	Dosher
Buncombe	Asheville	Mission
Burke	Morganton	Grace
Burke	Valdese	Valdese
Cabarrus	Concord	Northeast
Caldwell	Lenoir	Caldwell
Carteret	Morehead City	Carteret
Catawba	Hickory	Catawba Valley
Catawba	Hickory	Frye
Chatham	Siler City	Chatham
Cherokee	Murphy	Murphy
Chowan	Edenton	Chowan
Cleveland	Shelby	Cleveland
Cleveland	Kings Mountain	Kings Mountain
Columbus	Whiteville	Columbus
Craven	New Bern	Craven
Cumberland	Fayetteville	Cape Fear Valley
Dare	Nags Head	Outer Banks
Davidson	Lexington	Lexington
Davidson	Thomasville	Thomasville
Davie	Mocksville	Davie
Duplin	Kenansville	Duplin
Durham	Durham	Duke
Durham	Durham	Durham Regional
Edgecombe	Tarboro	Heritage
Forsyth	Winston-Salem	Forsyth
Forsyth	Winston-Salem	NCBH
Franklin	Louisburg	Franklin
Gaston	Gastonia	Gaston
Granville	Oxford	Granville

<b>County</b>	<b>Town</b>	<b>Hospital</b>
Guilford	High Point	High Point
Guilford	Greensboro	Moses Cone
Guilford	Greensboro	Wesley Long
Halifax	Roanoke Rapids	Halifax
Halifax	Scotland Neck	Our Community
Harnett	Dunn	Betsy Johnson
Haywood	Clyde	Haywood
Henderson	Hendersonville	Margaret Pardee
Henderson	Fletcher	Park Ridge
Hertford	Ahoskie	Roanoke Chowan
Iredell	Statesville	Davis
Iredell	Statesville	Iredell
Iredell	Mooreville	Lake Norman
Jackson	Sylva	Harris
Johnston	Smithfield	Johnston
Lee	Sanford	Central Carolina
Lenoir	Kinston	Lenoir
Lincoln	Lincolnton	Lincoln
Macon	Franklin	Angel
Macon	Highlands	Highlands
Martin	Williamston	Martin
McDowell	Marion	McDowell
Mecklenburg	Charlotte	CMC
Mecklenburg	Charlotte	CMC Mercy
Mecklenburg	Charlotte	CMC Pineville
Mecklenburg	Charlotte	CMC Univ
Mecklenburg	Charlotte	Presbyterian
Mecklenburg	Huntersville	Presbyterian Huntersville
Mecklenburg	Matthews	Presbyterian Matthews
Mitchell	Spruce Pine	Blue Ridge Regional (Spruce Pine)
Montgomery	Troy	FHS Montgomery
Moore	Pinehurst	FHS Moore
Nash	Rocky Mount	Nash
New Hanover	Wilmington	New Hanover
Onslow	Jacksonville	Onslow
Orange	Chapel Hill	UNCH
Pasquotank	Elizabeth City	Albemarle
Pender	Burgaw	Pender
Person	Roxboro	Person
Pitt	Greenville	Pitt
Polk	Columbus	St Luke
Randolph	Asheboro	Randolph
Richmond	Rockingham	FHS Richmond
Richmond	Hamlet	Sandhills

<b>County</b>	<b>Town</b>	<b>Hospital</b>
Robeson	Lumberton	Southeastern
Rockingham	Reidsville	Annie Penn
Rockingham	Eden	Morehead
Rowan	Salisbury	Rowan
Rutherford	Rutherfordton	Rutherford
Sampson	Clinton	Sampson
Scotland	Laurinburg	Scotland
Stanly	Albemarle	Stanly
Stokes	Danbury	Stokes Reynolds
Surry	Elkin	Hugh Chatham
Surry	Mt. Airy	Northern Surry
Swain	Bryson City	Swain
Transylvania	Brevard	Transylvania
Union	Monroe	Union
Vance	Henderson	Maria Parham
Wake	Raleigh	Duke Raleigh
Wake	Raleigh	Rex
Wake	Apex	WakeMed Apex
Wake	Cary	WakeMed Cary
Wake	Raleigh	WakeMed North
Wake	Raleigh	WakeMed Raleigh
Washington	Plymouth	Washington
Watauga	Blowing Rock	Blowing Rock
Watauga	Boone	Watauga
Wayne	Goldsboro	Wayne
Wilkes	North Wilkesboro	Wilkes
Wilson	Wilson	Wilson
Yadkin	Yadkinville	Hoots

## **Appendix B: Data Source**

### **What is NC DETECT?**

The North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT) is the Web-based early event detection and timely public health surveillance system in the North Carolina Public Health Information Network. NC DETECT uses the CDC's CUSUM algorithms from the Early Aberration Reporting System (EARS) to monitor several data sources for suspicious patterns. The reporting system also provides broader public health surveillance reports for emergency department visits related to hurricanes, injuries, asthma, vaccine-preventable diseases, occupational health and others.

### **Who develops and manages NC DETECT?**

Staff at the UNC Department of Emergency Medicine (UNC DEM), under contract to the North Carolina Division of Public Health (NC DPH) develop and manage NC DETECT. UNC DEM collaborates with NC DPH on all aspects of NC DETECT development.

### **How is NC DETECT related to NCHESS?**

Data from the North Carolina Hospital Emergency Surveillance System (NCHESS) are loaded into NC DETECT (which was formerly known as the North Carolina Bioterrorism and Emerging Infection Prevention System, NC BEIPS). The NC DETECT team at the UNC Department of Emergency Medicine monitors the quality of the NCHESS data and work with hospitals, their vendors and the North Carolina Hospital Association (NCHA) to ensure NC DETECT users have access to the most accurate data possible.

### **How have North Carolinians benefited from NC DETECT?**

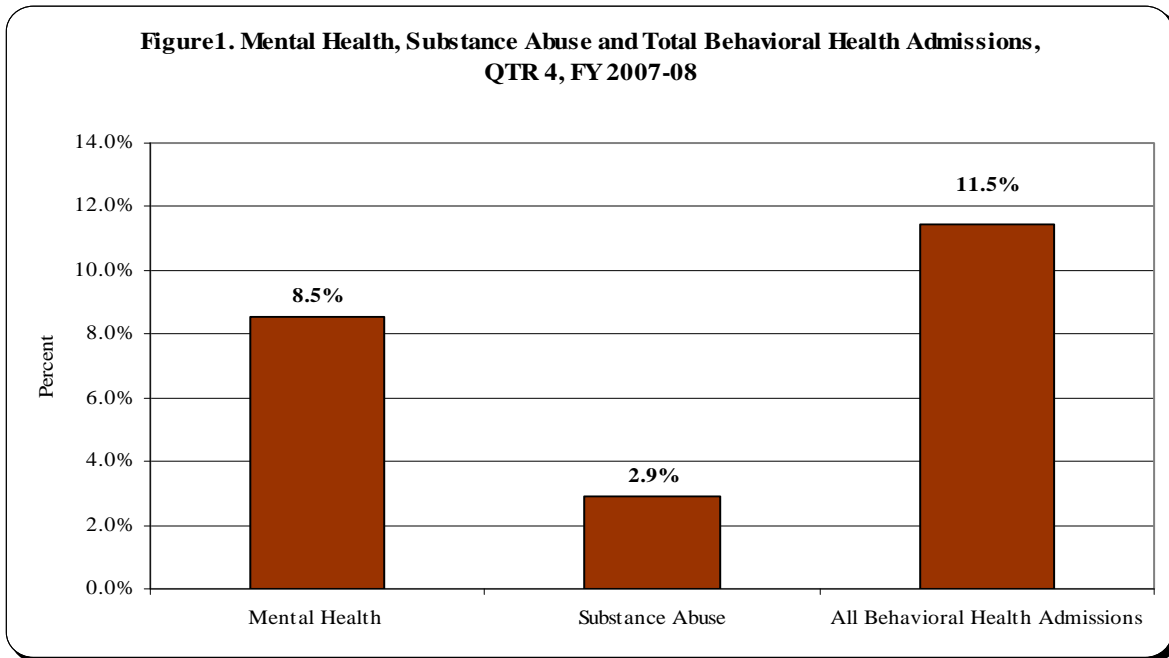
With NC DETECT, public health officials at the local, regional and state levels are able to monitor a variety of important public health issues in a secure and timely fashion, including influenza, post-hurricane health issues, injury and violence, and vaccine-preventable disease surveillance. For example, NC DETECT users have monitored illness and injury effects after hurricanes Isabel and Ophelia, analyzed ED use at select hospitals by Katrina evacuees, and uncovered unreported cases of tuberculosis. Before NC DETECT, similar surveillance was either simply not performed, relied on manual, redundant data entry, or had a considerable time lag. A summary of specific [NC DETECT outcomes](#) is also available. Since NC DETECT is designed to uncover suspicious patterns of illness in both human and animal populations, it is a key tool in the early detection of emerging infectious diseases, such as new strains of influenza.

### **Who pays for NC DETECT?**

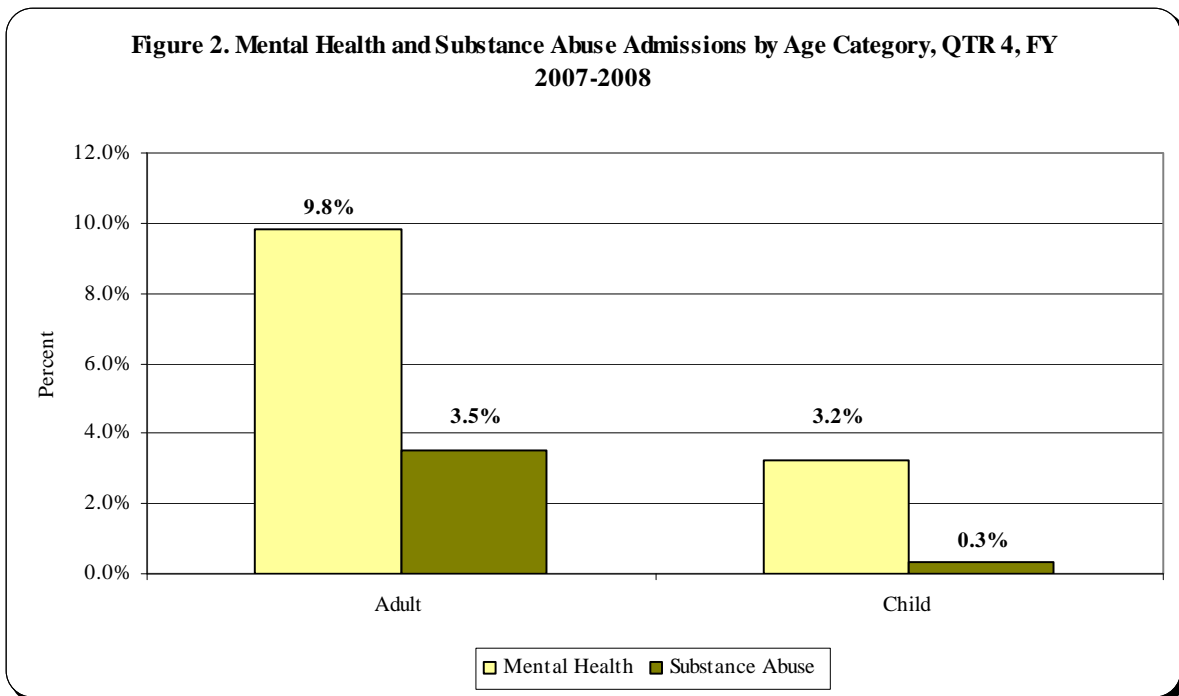
NC DETECT is funded from federal bioterrorism grants administered through the Centers for Disease Control and Prevention and disbursed by the North Carolina Department of Health and Human Services, Division of Public Health.

For more Information: [ncdetect@listserv.med.unc.edu](mailto:ncdetect@listserv.med.unc.edu), (919) 843-2361

## Appendix C: Graphs and Tables, QTR 4, 2007-08



Source: NC DETECT, QTR 4, SFY 2007-08; Note: Total Behavioral Health Admissions include those for Developmental Disabilities.

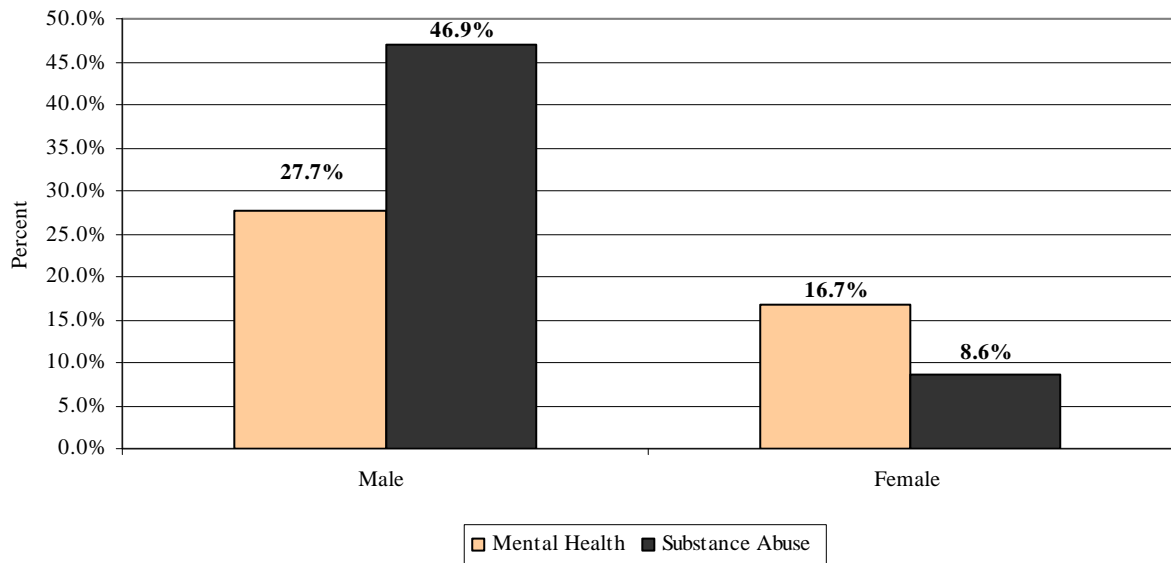


Source: NC DETECT QTR 4, SFY 2007-08

Note: Percentages are calculated of total adult admissions and total child admissions separately and not as a proportion of all admissions; for the fourth quarter of 2007-08 there were 0 child (age  $\leq 17$  yrs) substance abuse admissions for the following LMEs: Albemarle, Beacon Center, Burke-Catawba, Crossroads, Durham, Foothills, Johnston, Onslow-Carteret and Orange-Person-Chatham



**Figure 3. Mental Health and Substance Abuse Admissions in Local Emergency Departments by Gender, QTR 4, FY 2007-2008**



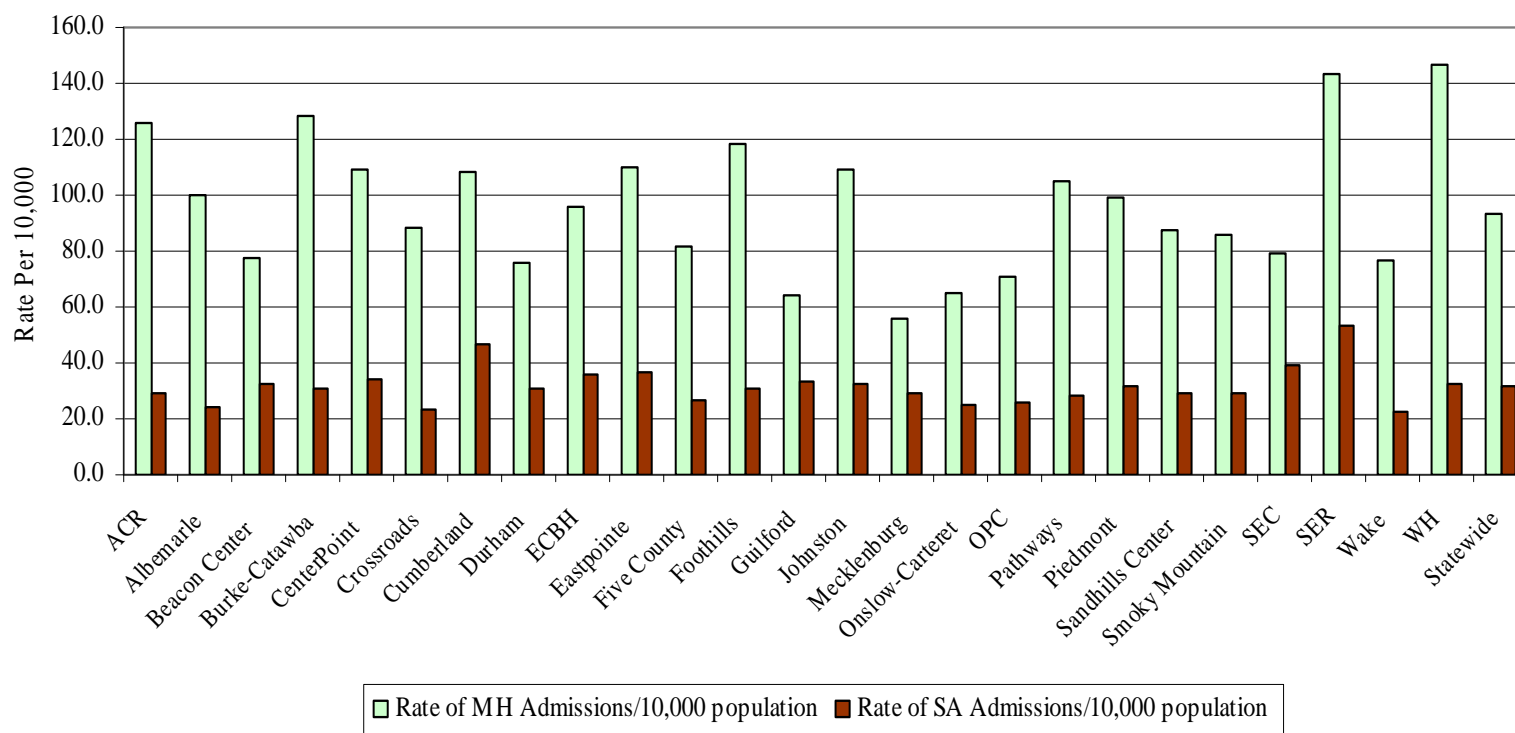
Source: NC DETECT, QTR 4, SFY 2007-08

**Table 1. Emergency Department Admissions by Local Management Entity, QTR 4, FY 2007-08**

LME	Developmental Disabilities (n)	Rate of DD Admissions/10,000 population	Mental Health (n)	Rate of MH Admissions/10,000 population	Substance Abuse (n)	Rate of SA Admissions/10,000 population	Grand Total
Alamance-Caswell-Rockingham	*	*	3243	126.2	741	28.8	3984
Albemarle	*	*	1842	99.6	452	24.5	2294
Beacon Center	*	*	1902	77.7	803	32.8	2705
Burke-Catawba	*	*	3105	127.9	758	31.2	3863
CenterPoint	*	*	4645	109.3	1450	34.1	6095
Crossroads	*	*	2324	88.6	612	23.3	2936
Cumberland	*	*	3344	108.5	1426	46.3	4770
Durham	*	*	1899	75.5	775	30.8	2674
East Carolina Behavioral Health	*	*	3772	95.9	1422	36.2	5194
Eastpointe	*	*	3208	110.0	1070	36.7	4278
Five County	*	*	1882	81.5	620	26.9	2502
Foothills	*	*	1907	118.5	493	30.6	2400
Guilford	*	*	2914	63.8	1507	33.0	4421
Johnston	*	*	1717	109.4	516	32.9	2233
Mecklenburg	*	*	4791	55.9	2492	29.1	7283
Onslow-Carteret	*	*	1476	64.8	574	25.2	2050
Orange-Person-Chatham	*	*	1575	70.9	569	25.6	2144
Pathways	*	*	3902	105.4	1058	28.6	4960
Piedmont	*	*	6935	99.3	2186	31.3	9121
Sandhills Center	*	*	4656	87.9	1527	28.8	6183
Smoky Mountain	*	*	3047	86.0	1026	29.0	4073
Southeastern Center	*	*	2696	79.5	1340	39.5	4036
Southeastern Regional	*	*	3657	143.0	1357	53.1	5014
Wake	14	0.2	6285	76.4	1860	22.6	8159
Western Highlands	*	*	7285	146.6	1622	32.6	8907
<b>Statewide</b>	<b>14</b>	<b>0.0</b>	<b>84009</b>	<b>92.9</b>	<b>28256</b>	<b>31.3</b>	<b>112279</b>

Source: NC DETECT, QTR 4, SFY 2007-08

**Figure 4. Rates of Mental Health and Substance Abuse Admissions Within Local Emergency Departments by LME, QTR 4, FY 2007-08**



Source: NC DETECT, QTR 4, SFY 2007-08

Note: For the fourth quarter of 2007-08, there were no substance abuse child admissions for the following LMEs: Albemarle, Beacon center, Burke-Catawba, Crossroads, Durham, Five County, Foothills, Johnston, Onslow-Carteret, and Orange-Person-Chatham

Abbreviations: ACR- Alamance-Caswell- Rockingham; ECBH-East Carolina Behavioral Health, OPC-Orange-Person-Chatham, SER-South eastern Regional, SEC-South Eastern Center, WH- Western Highlands

**Table 2. Emergency Department Admissions by Age Group and LME, QTR 4, SFY 2007-08**

<b>LME</b>	Mental Health (MH)		Total Mental Health Admissions	Substance Abuse		Total Substance Abuse Admissions	Total Admissions for MH/SA	Total ED Admissions for all causes
	Adult	Child		Adult	Child			
Alamance-Caswell-Rockingham	2977	266	3243	729	12	741	3984	31572
Albemarle	1686	156	1842	452	*	452	2294	19240
Beacon Center	1752	150	1902	803	*	803	2705	33885
Burke-Catawba	2890	215	3105	758	*	758	3863	30638
CenterPoint	4342	303	4645	1429	21	1450	6095	45450
Crossroads	2204	120	2324	612	*	612	2936	34128
Cumberland	2952	392	3344	1394	32	1426	4770	28940
Durham	1756	143	1899	775	*	775	2674	26049
East Carolina Behavioral Health	3430	342	3772	1385	37	1422	5194	45271
Eastpointe	2990	218	3208	1059	11	1070	4278	36491
Five County	1764	118	1882	620	*	620	2502	30973
Foothills	1777	130	1907	493	*	493	2400	21490
Guilford	2748	166	2914	1467	40	1507	4421	47797
Johnston	1561	156	1717	516	*	516	2233	19154
Mecklenburg	4540	251	4791	2445	47	2492	7283	72117
Onslow-Carteret	1375	101	1476	574	*	574	2050	19875
Orange-Person-Chatham	1459	116	1575	569	*	569	2144	17626
Pathways	3556	346	3902	1027	31	1058	4960	46389
Piedmont	6341	594	6935	2128	58	2186	9121	75192
Sandhills Center	4290	366	4656	1509	18	1527	6183	64123
Smoky Mountain	2876	171	3047	1014	12	1026	4073	40195
Southeastern Center	2553	143	2696	1310	30	1340	4036	35957
Southeastern Regional	3360	297	3657	1330	27	1357	5014	40412
Wake	5821	464	6285	1807	53	1860	8145	68161
Western Highlands	6904	381	7285	1594	28	1622	8907	51438
<b>Statewide</b>	<b>77904</b>	<b>6105</b>	<b>84009</b>	<b>27799</b>	<b>457</b>	<b>28256</b>	<b>112265</b>	<b>982563</b>

Source: NC DETECT, QTR 4, SFY 2007-08. Note: For the fourth quarter of 2007-08, there were no substance abuse child admissions for the following LMEs: Albemarle, Beacon center, Burke-Catawba, Crossroads, Durham, Five County, Foothills, Johnston, Onslow-Carteret, and Orange-Person-Chatham

**Table 3. Behavioral Health Admissions in Local Emergency Departments by County, QTR 4, SFY 2007-08**

<b>County</b>	<b>All Behavioral Health Admissions</b>	<b>Rate of BH Admissions/per 10,000 Population</b>	<b>County</b>	<b>All Behavioral Health Admissions</b>	<b>Rate of BH Admissions/per 10,000 Population</b>
Alamance	1963	138.8	Jones	161	154.7
Alexander	485	131.9	Lee	625	110.8
Alleghany	280	251.8	Lenoir	810	139.2
Anson	469	186.8	Lincoln	1104	151.0
Ashe	81	31.0	Macon	240	54.3
Avery	56	30.7	Madison	281	83.1
Beaufort	577	123.4	Martin	189	91.4
Bertie	234	122.0	McDowell	643	264.2
Bladen	490	148.6	Mecklenburg	6771	79.0
Brunswick	1228	122.7	Mitchell	170	106.6
Buncombe	4632	204.8	Montgomery	206	74.4
Burke	1259	141.0	Moore	884	105.3
Cabarrus	3333	203.5	Nash	689	74.0
Caldwell	1097	137.2	New Hanover	2098	111.5
Camden	122	127.6	Northampton	234	108.6
Carteret	920	143.3	Onslow	994	60.7
Caswell	139	59.3	Orange	978	78.2
Catawba	2261	147.3	Pamlico	160	121.8
Chatham	337	56.9	Pasquotank	636	154.9
Cherokee	318	116.4	Pender	276	54.4
Chowan	190	127.3	Perquimans	187	146.6
Clay	56	54.1	Person	616	163.1
Cleveland	1759	181.8	Pitt	1366	91.4
Columbus	778	141.2	Polk	202	105.0
Craven	1868	192.8	Randolph	1417	101.1
Cumberland	4165	135.1	Richmond	572	122.2

**Table 3. Behavioral Health Admissions in Local Emergency Departments by County, QTR 4, SFY 2007-08**

<b>County</b>	<b>All Behavioral Health Admissions</b>	<b>Rate of BH Admissions/per 10,000 Population</b>	<b>County</b>	<b>All Behavioral Health Admissions</b>	<b>Rate of BH Admissions/per 10,000 Population</b>
Currituck	194	80.3	Robeson	2672	204.8
Dare	465	133.1	Rockingham	1600	174.0
Davidson	1760	112.4	Rowan	1357	99.8
Davie	319	78.1	Rutherford	1182	186.9
Duplin	522	97.3	Sampson	801	123.7
Durham	2388	94.9	Scotland	623	167.3
Edgecombe	526	100.4	Stanly	571	96.1
Forsyth	4648	137.6	Stokes	598	128.4
Franklin	613	108.2	Surry	928	126.8
Gaston	1760	87.8	Swain	232	163.2
Gates	38	31.9	Transylvania	361	117.2
Graham	123	150.6	Tyrrell	36	83.9
Granville	487	89.2	Union	1426	78.2
Greene	167	79.6	Vance	305	68.7
Guilford	3930	86.0	Wake	7629	92.8
Halifax	746	135.0	Warren	120	60.3
Harnett	1193	112.7	Washington	39	29.3
Haywood	1146	200.7	Watauga	335	76.5
Henderson	1263	123.3	Wayne	1824	158.5
Hertford	95	39.6	Wilkes	590	87.8
Hoke	358	81.6	Wilson	1145	146.4
Hyde	65	118.4	Yadkin	332	86.8
Iredell	1490	98.8	Yancey	182	97.9
Jackson	346	93.7			
Johnston	2003	127.7			

Source: NC DETECT, QTR 4, SFY2007-08

The MH/DD/SAS *Mental Health, Developmental Disabilities and Substance Abuse Related Admissions in Community Emergency Departments* Report are published four times a year.

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